

## WHAT IS CLAIMED IS:

1. A food and vegetable processing device comprising:

a body with a motor received therein and a connection board connected to an output shaft of the motor and located on a top of the body;

5 a lower cap connected to the top of the body and having a space defined therein, an outlet defined in a side of the lower cap and communicating with the space, a processing unit received in the space and connected to the connection board, the processing unit having a blade disk which has a convex top surface and a plurality of cutting teeth located on  
10 the convex top surface of the blade disk, and

a top cap mounted to the lower cap and having a feeding passage defined therethrough, a plug movably inserted in the feeding passage.

2. The device as claimed in claim 1, wherein the convex top surface of the blade disk is a curve surface.

15 3. The device as claimed in claim 1, wherein the convex top surface of the blade disk is a cone-shaped surface.

4. The device as claimed in claim 1, wherein the top cap includes a tube extending from an underside thereof and the feeding passage defined through the tube, a first grinding surface defined in an end surface of the  
20 tube and the blade disk having an annular second grinding surface which is located corresponding to the first grinding surface.

5. The device as claimed in claim 1, wherein the top cap includes a tube extending from an underside thereof and the feeding passage is defined

through the tube, a first surface is defined in an inner periphery of the tube, the plug having a second surface which is matched with the first surface defined in the inner periphery of the tube.

6. The device as claimed in claim 1, wherein the processing unit  
5 includes a filtering portion extending upward therefrom and a skirt portion extends downward from the processing unit.

7. The device as claimed in claim 1 further comprising a rough end surface defined in an end of the plug.

8. The device as claimed in claim 1 further comprising a plurality  
10 of protrusions extending inward from an inner periphery of the processing unit and the protrusions located above the blade disk.

9. The device as claimed in claim 1 wherein the end of the plug is provided with a plurality of cutting teeth.

10. The device as claimed in claim 1 further comprising a debris  
15 container having an open top which is in communication with the top cap.